

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	22	("2943297"   "3310977"   "3763463"   "3817089"   "3974682"   "4034744"   "4058114"   "4084582").PN. OR ("4181120").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/06/10 13:17
L6	0	128/660.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:19
L13	98	600/456.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:26
L14	0	13 and (window resin portion metal frame partially covered by window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:27
L15	0	13 and (metal frame partially covered by window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:27
L16	0	13 and (metal frame partially covered acoustic window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:27
L17	0	13 and (metal frame partially covered window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:28
L18	0	lunil.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:28

L19	4692	kunii.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:29
L20	86	19 and (acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4) and (scanner or probe or transducer or unit or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:30
L21	52	19 and (acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4) same (scanner or probe or transducer or unit or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:30
L22	44	21 and @ad<"20040728"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:31
L23	419199	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4) same (scanner or probe or transducer or unit or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:36
L24	0	600/407,437.cds. and (acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4) same (scanner or probe or transducer or unit or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:37
L25	3100	600/407,437.cds. and (acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4) same (scanner or probe or transducer or unit or housing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:37

L26	44	22 and @ad<"20040728"	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:37
L27	1982	25 and @ad<"20040728"	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:37
L28	6	27 and (metal frame (resin or elastic or window))	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/10 13:39
L29	1	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4) near3 window) comprising resin metal portion	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	WITH	ON	2010/06/10 15:02
L30	3	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4) near3 window) comprising metal portion	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	WITH	ON	2010/06/10 15:02
L31	2	"US 7575552"	US-PGPUB; USPAT; USOCR; DERWENT	SAME	ON	2010/06/10 15:14
L32	10	("20010041856"   "20020055702"   "20030190336"   "20030229283"   "20040010222"   "20050154239"   "4494548"   "5460179"   "5722397"   "7001355").PN. OR ("7575552").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/06/10 15:14
L33	20214	saito.in.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/06/10 15:15
L34	28	saito.in. and koetsu.in.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/06/10 15:15
L35	25	34 and @ad<"20050726"	US-PGPUB; USPAT; USOCR	SAME	ON	2010/06/10 15:19
L36	1	(10/521045).APP.	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/10 15:43

L37	13	((("5400785") or ("3939123") or ("4120291") or ("20010029335") or ("5078149")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/10 15:50
L41	9	("20010031922"   "20020010414"   "20050096542"   "20060235300"   "5295487"   "5300068"   "5810009"   "6100626"   "7063666"),PN. OR ("7648459").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/06/10 16:06
L42	2	ultraso\$8 with assmbley	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 16:06
L44	63	"4523122"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 16:12
L45	12	((("4523122") or ("4722345") or ("4616152") or ("4961176") or ("5030874") or ("6551247"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/10 16:13
S1	1719	600/459.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:37
S2	4399	ultraso\$8 with (probe or transducer) with (frame or support)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:39
S3	239	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:39
S4	187	S3 and @ad<"20050726"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:42
S5	2	"US 20070167820"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/12/22 08:48

S6	3085	ultraso\$8 with transducer with (frame or support)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:44
S7	4	S6 with (window or surface or contact) with resin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:44
S8	781	S6 with (window or surface or contact)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:45
S9	646	S8 and @ad<"20050726"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:45
S10	0	S8 with (medium near4 space) with (frame adj2 contact)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:48
S12	0	ultraso\$8 with assmsembly	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:48
S13	14477	ultraso\$8 with assembly	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:49
S14	2	"5460179".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 10:23
S15	0	("2007/0112271").URPN.	USPAT	OR	ON	2008/12/22 10:28
S16	1485	S1 and @ad<"20050726"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 10:34

S17	54576	ultraso\$8 with transducer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 10:56
S18	7277	ultraso\$8 with transducer with (window or face or contact)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 10:56
S19	2	S18 and (contact with resin with metal with portion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 10:57
S20	2	"5048529".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 10:58
S21	0	ultraso\$4 same (transducer adj2 (window or surface)) with (resin or polymer) with metal with portion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 11:01
S22	2	ultraso\$4 same (transducer adj2 (window or surface)) with (resin or polymer) with metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 11:01
S23	26	("4528652").URPN.	USPAT	OR	ON	2008/12/22 11:03
S24	0	(ultraso\$8 with probe) with (contact with (polymer with surround with metal))	USPAT	OR	ON	2008/12/22 11:36
S25	0	(ultraso\$8 with probe) with (contact with polymer with metal)	USPAT	OR	ON	2008/12/22 11:36
S26	0	(ultraso\$8 with probe) with (face with polymer with metal)	USPAT	OR	ON	2008/12/22 11:37
S27	0	(ultraso\$8 with probe) with (surface with polymer with metal)	USPAT	OR	ON	2008/12/22 11:37
S28	0	(ultraso\$8 with probe) and (contact with polymer with metal with assembly)	USPAT	OR	ON	2008/12/22 11:41
S29	7453	S13 and ((window or contact or coupling or surface) with assembly)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 11:42

S30	1485	S1 and @ad<"20050726"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 12:07
S31	83	S30 and ultrason\$8 with probe with assembly	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 12:08
S32	5	("4181120"   "5460179").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 12:57
S33	2	"US 20070167820"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/30 09:34
S34	2	S33 and (frame with metal)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/30 09:34
S35	1	hirayama.in. and (ultrasonic same frame same window).clm.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/30 14:15
S36	1	shinkai.in. and (ultrasonic same frame same window).clm.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/30 14:15
S37	0	shinkai.in. and (ultrasonic same metal near frame same window).clm.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/30 14:16
S38	0	shinkai.in. and (ultrasonic same (metal near2 frame) same window).clm.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/30 14:16
S39	1	shinkai.in. and (ultrasonic and (metal near2 frame) and window).clm.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/30 14:16
S40	1816	600/459.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:17
S41	0	S40 and (ultrasonic and (metal near2 frame) and window).clm.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/30 14:17

S42	3	S40 and (ultrasonic same frame same window).clm.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/30 14:18
S43	16	S40 and (ultrasonic same frame same window)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/30 14:18
S44	14	S43 and @ad<"20050726"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:18
S45	4	S40 and (ultrasonic and (metal near2 frame) and window)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/06/30 14:19
S46	4	S45 and @ad<"20050726"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:19
S47	3925	600/437,443,444,446,447.ccls. and (acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4) and (transducer coupling fluid window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 09:03
S48	26	600/437,443,444,446,447.ccls. and (acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4) and (transducer coupling fluid window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/12/09 09:04
S49	22	S48 and @ad<"20040728"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/12/09 09:04
S50	22	("2943297"   "3310977"   "3763463"   "3817089"   "3974682"   "4034744"   "4058114"   "4084582").FN. OR ("4181120").URFN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/12/09 10:17

6/10/2010 5:18:07 PM

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